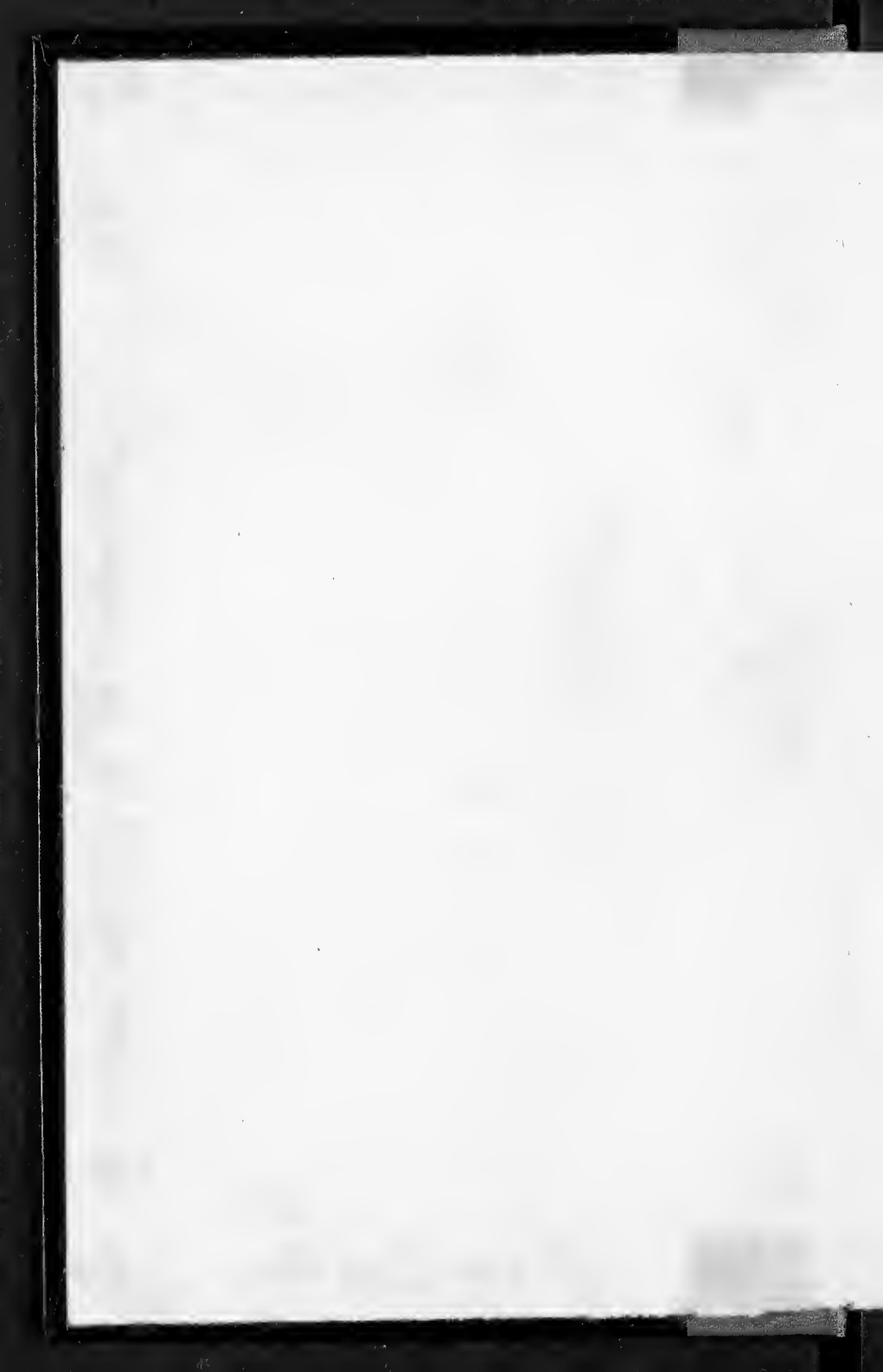


1957

II

RECORD



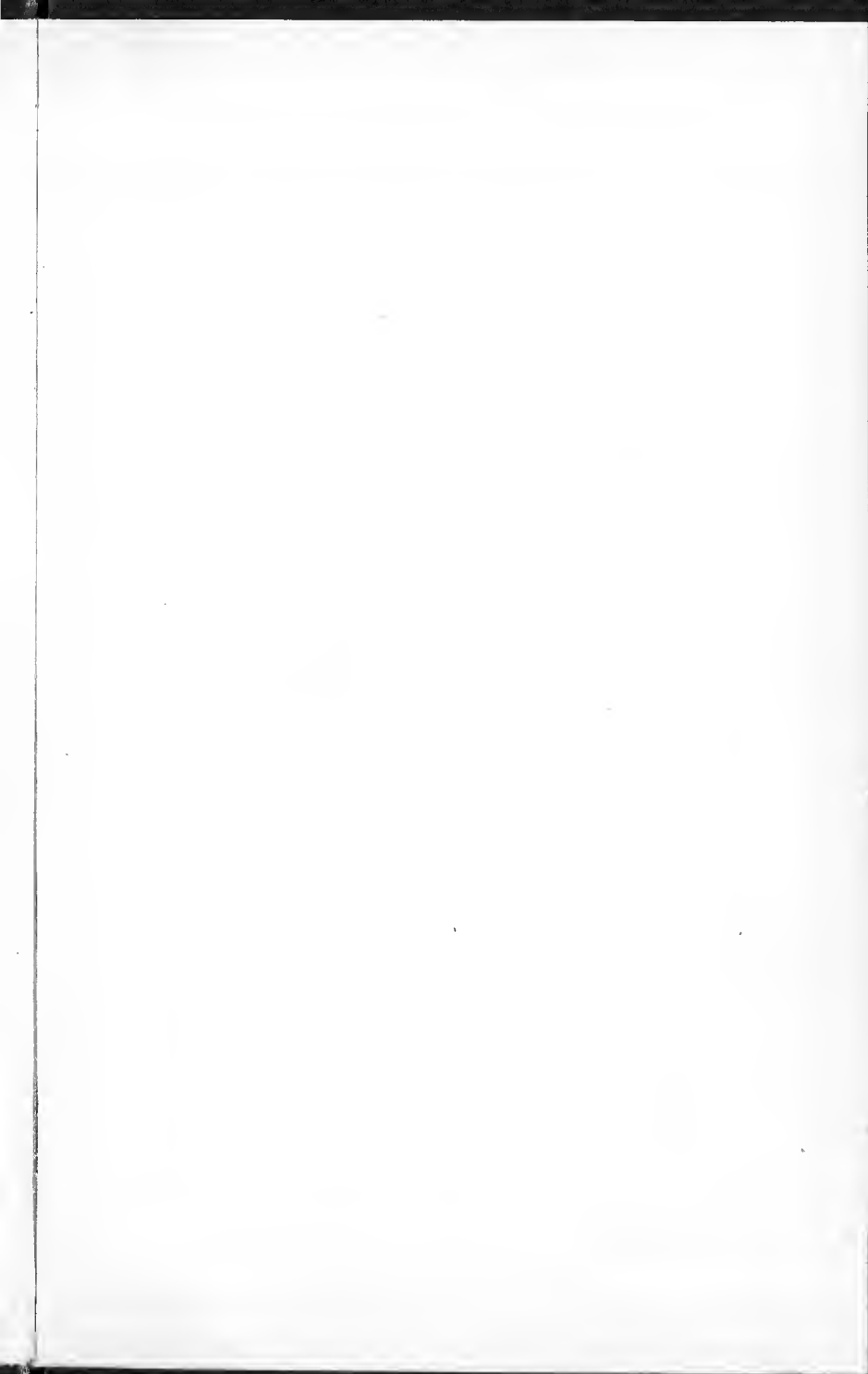


This notebook is of value to
the owner and a reward will
be given if it is returned
to:

Reed C. Rollins

15 Bay View Road

Wellesley 82, Mass.



5

5

5

5

5

Wyoming

57160 *Eragrostis paniculorum* Pursh
var. *gynophallodes* (Benth.) Steud
in clumps
white. loose soil, 6 miles northwest of Lipton,
Campbell Co., Wyoming July 9, 1957

57161 *Thripox* (4)
as 57160

57162 *Arabis glabra* (3)
petals pink ~~in~~ abundant.
July 10
near town, East Fork
of Big Horse Creek, Sheridan County, Wyo. alt. 7,800 ft.

57163 *Arabis* Gray (4)
Fls. purple, siliques, abundant
dry hillside

57164 *Pedicularis contorta* Benth. (2)
Fls. pinkish purple, dry knoll,

57165 *Arabis* var. *pendulocarpa* (10)
siliques pendulous, pedicels arched downward,
dry knoll. 57163

Wyoming

57162

Balsamorhiza

Dry hillside, near

3

(3)

57167

Sisyrinchium paniculatum (Nutt.) S. Wats.

(6)

Fls. white, bulbs ovoid, leaves sessile
dry meadow, as 57163

(6)

July 10

57168

~~*Sisyrinchium*~~ *Hieracium gracile* Hook.

(5)

Fls. & pinn. sessile, near
East Fork Big Horn River, as 57163

Det. K. L. Chambers

57169

Had. closed, for 1000 ft.

at 7000

(4)

57170

Callisiphon pariflora Benth.

(5)

57171

Agoseris

Dry hillside, as 57163

(3)

Wyoming

57172 *Lesquerella curvipes* A. Nels. (1)
Limestone chip at the top of Red Grade,
Big Horn Mts. west of Big Horn, Sheridan
Co., July 11, 1957 - alt 7,000 ft
siliques flattened parallel to septum

57173 *Zygadenus elegans* Pursh (4)
as 57172

57174 *Sibbaldia spirata* Nutt. (4)
as 57172 var. *cephaloidea* (Rydb.) Conz. & Roll.

57175 *Lesquerella curvipes* A. Nels. (6)
dry limestone chip - unfavorable habitat
part way down Red Grade - siliques
flattened parallel to septum -
ca. 6,800 ft
as 57172

57176 *Lesquerella curvipes* A. Nels. (10)
Roadbank in favorable situation,
alt 6,500 ft - part way down Red
Grade
as 57172

57177 *Alyssum alysioides* L. (5)
very abundant on hillside

Wyoming

- 57178 - *edgarrum boreale* Nutt. (5)
 Fls. radial - stems numerous
 dry hillside - fork - ...
 (5) ... west of Dayton, Shoshone County,
 July 11, 1955 - alt. 5,500 ft.
 eastern slope; Big Horn Mts.

- 57179 *Hadleya* ~~...~~ *sulphurea* Rydb. (4)
 Fl. white, ... alt. 5,550 ft.
 (4)

- 57180 *Physalis didymocarpa* (Hook.) Gray (6)
 var. *lanata* A. Nels.
 ... steep loose
 limy bank, Dayton Grade,
 alt. 6,500 ft.

- as above *alpina* (Nutt.) Wats.
 57181 *berquerella* [curvisper a. nels.] (10)
 Siliques strongly flattened, parallel
 to partition,
 as 57180

- alpina* (Nutt.) Wats.
 57182 *berquerella* [curvisper a. nels.] (6)
 Siliques strongly flattened & parallel
 to partition.
 Steep slope and hillside top of
 Dayton Grade - alt. 7,000 ft.
 subsp. *alpina*

695
sept

Wyoming

57183 *Stanleya pinnatifida* (7)
 Fls. lemon yellow, # knolls and
 shell creek canyon, 1st mile
 Shell, Big Horn Co. July 11, 1957

57184 *Lesquerella alpina* (Nutt.) Wats. (2)
[curvipes a. nels.]
 as 57183

Wyoming - Y. N. Park

57185 *arabis microphylla* Nutt. var. *macrocarpa* (Wats.) Roll. (10)
 Silicles axillary, pedicels mid l. spreading
 in narrow low steep slopes in
 open pine woods, near Undine Falls,
 Yellowstone Nat. Park - July 15, 1957
 2n = 15 cf. Bozher 1969

57186 *arabis gillmanii* (L.) Benth. (3)
 Silicles axillary, open

57187 *Arabis Holboellii* var. *viridifolia* (4)
steep slope and open hill, as 57186
as 57185

57188 *Arabis aluminosa* Gray (5)
silicles erect
as 57185

57189 *Arabis sparsifolia* Nutt. (5)
silicles erect, pedicels
as 57185

57190 *Arabis microphylla* Nutt. (1)
silicles erect, bracts erect
as 57185

57191 *Arabis Holboellii* var. *pusillifolia* (5)
silicles pendulous, pedicels erect and downward
open slopes and hill
as 57185 $2n=14$ cf. Böcher 1969

57192 *Arabis hirsuta* var. *pygmaea* (1)
along creek, steep slopes
8000 ft.

57193 *Polypodium sagittatum* (Vitt.) Endl. (2)
var. *crassicaule*
Wet seepage in alder near stream,
base of Bunsen Mountain, about six
miles south east of Mammoth Hot Springs,
Yellowstone National Park, July 15, 1957
alt. 7,000 ft.

Montana

57194 [*Hymenopogon*] *Carduus pubescens* (4)
Sandy bar, the Yellowstone River,
1 mile east Livingston, Park County,
Montana
July 16, 1957 alt 4,600 ft.

57195 *Ranunculus islandicus* (L.) Bolas, var. *hispida* (5)
plants about 2 ft. tall, much branched
from base and above. Siliques nearly
globose - capsule. Near head
near Yellowstone River, 4 miles east
Livingston, Park County
July 16

Arabis

- 57196 *Arabis Holboellii*, var. *pendulocarpa* (1)
 Dry hillside, in grassy pendulo-
 8 miles north of White Sulphur
 Springs, Meagher County.
 alt. 6,500 ft
 July 16,
 2n = 14 cf. Böcher (1969)
- 57197 *Arabis alpina* (Nutt.) Wats. (7)
 Dry hillside, in grassy pendulo-
 8 miles north of White Sulphur
 Springs, Meagher County.
 alt. 6,500 ft
 July 16,
 subsp. *alpina*
- 57198 *Arabis Holboellii*, var. *microfracta* (3)
 Steep slope and talus to north slope
 of Kings Pass, in the
 National Forest, Cascade Co., alt 6,500 ft,
 July 16

57199 *Penstemon hirsutissimus* Pursh

(3)

Shrubby at base, along road 41

(3)

miles south of Great Falls, Cascade
County, Montana

July 16

alt 5,200 ft.

57200

Androsace
as 57199

(1)

57201

Androsace Nutt.

as 57199 var. *columbiana* (MacDougl.) Roll.

$n=23$

$2n=46$

cf. Böcher 1969

(1)

57202

Hedysarum sulphurescens Rydb. (4)

as 57199

(4)

57203

Bertonia incana (L.) DC.

(3)

Roadside, 6 miles south of

Great Falls, Cascade Co., Montana

July 16

Alberta

57204 *Chione serrulata* Pursh (2)
Fls purple, green bar; Milk River,
1 mile west of Milk River, Alberta
(2) July 17, 1957 alt 3,700 ft.

57205 *Trachium Holboellii* Hornem. (1)
57205 - only plant seen.
2n = 21 cf. Böcher 1969

57206 *Descurainia Richardsonii* (Sweet) Schleg (4)
as 57204

57207 *Descurainia sylvatica* (L.) Webb. (4)
as 57204

57208 *Euphorbia inconspicua* (Wats.) Hook. (2)
dry gravel - 1.2 m.

Montana

- 57209 *Rhynchospora islandica* (Aesh.) Boeckl. var. ^{microcarpa} ②
near the South Fork of Milk River,
3 miles south of Canadian border,
between Del Bonita, Alberta and Del Bonita,
Montana - July 17, 1957 Glacier Natl.

- 57210 *Louringia orientalis* (L.) Dum. ①
as 57209

Alberta

- 57211 *Lesquerella* *arenosa* (Richards.) Rydb.
(Walt.) Wats. ③
stony knoll, 7 miles east
Whitely Gap, south of
Canada - July 17, 1957
alt 4,700 ft.
soil very nearly flat, little rain

- 57212 *Lesquerella alpina* ⑪
sandy stream and loose gravel, soil,
bluffs of north side Milk River,
3 miles east of Whitely Gap,
southern Alberta, July 17
alt 4,800 ft.

Montana

57213 *Arabis lyallii* ①

Pike Lodge, near Iceberg Lake, 4.6
miles west of Marysville, Grant
National Park, July 18, 1957
Fls. pink

57214 *Arabis* ①

... .. west
... ..
... ..

57215 *Arabis proserpina* Greene ①
Pike ... 7214

57216 *Arabis Halimifolia*, var. *retrofracta*
Siliques erect,
... .. 5 miles
Trail Pass, south of Sula,
County, alt 5,600 ft.
July 20, 1957

Idaho

- 57217 *Salix divaricata* A. Nels. (9)
 subsp. *divaricata* A. Nels.,
 slightly pendulous, abundant near
 some of the small streams,
 south of the main road, 3 miles
 south of the main road, alt. 5,200 ft.
 July 20, 1917

57217. *Andropogon montana* Nutt. (4)
 Asp. ~~base of stem~~ ⁴ libanii mlt.
 west of Madure, Bend. Co. Ark.
 July 20, 1957 det. 7. 1958

- 57218 2nd fl. *brunneauris* Nelson + Machida (5)
petals pale at anvil spot
sagebrush hillside as 57218

22. *Philox longifolia* Nutt. (4)
~~Phil~~ *Philox* on
 sagebrush. Laid side as

- 5722/ *Synsphyronia* *oreophilus* May (3)
 1. white to light pink

Edulis

122 *Arabis Harboellii* (3)
Ed. ... right
peak, Weganki mts.
July 21, 19. ?
Siliques white. Fls. red
7,500 ft

57223 *Arabis* (13)
Abundant near mine workings, part
way up Summit Peak, alt 7,500 ft.
petals purplish, siliques ...
as 57222

57224 *Arabis* pinnata (Walt.) Britt. (7)
subsp. velsonii (Rydb.) Britt.
as 57223
Seed ...

57225 *Draba densifolia* Nutt. (3)
Rock slope in open pine woods
as 57223

57226 *Draba oligosperma* Hook. (3)
Fls. yellow, steep slope in ...
10,000 ft approach to Summit peak

7227 [] *Syntherisma Hendersonii* ^{Pennell} Rydb. (2)
 Fls. blue
 shoulder of mountain peak, 11,000 ft.

57228 *Dasia leucocarpa* Rydb. (2)
 1 to 2 ft., rock crevices on steep slope
 alt. 11,000 ft.

Dasia ^{*periploca* Martens} ^{*var. treleasei* (Schultz) Hitchc.} ~~*leucocarpa* Rydb.~~ (7)
 Fls. yellow
 may be 1 to 2 ft.
 on dry, rocky soil
 11,000 ft.

there are
2 things!

57230 *Douglasia montana* Gray (3)
 1 to 2 ft., crevices of rock
 alt. 11,000 ft.

57231 *Anemone drummondii* S. Wats. (5)
 petals white above and blue below
 steep slope
 alt. 11,000 ft.

T. L. L. L.

57232 *Arabis wyattii* S. Wats.

(4)

Fls deep purple -

right

alt 11,300 ft.

Wemhi Range

July 21

57233 *Arabis oligosperma* Hook.

(7)

Tuff

side of E. right peak 10,500 ft.

siliques 4-ang.

57234 *Eribiodium aretioides* (Cham.) DC.

(1)

Fls

(1)

57235 *Selaginella*

(2)

57234

57236 *Arabis oligosperma* Hook.

(4)

Tuff

July 21

57237 *Arabis Holboellii* Hornem.

(6)

var. *pendulocarpa* (A. Nels.) Roll.

South slope of small peak opposite

summit of the right peak from west, alt 10,800 ft.

Fl. material obtained just here - maybe something else.

Idaho

57238 *Hemichera*

(4)

fls. white, clumps - white - linear,
as 57237

57239 *Polygonum montigenum* M. ^{Clatchie} ~~Schott~~

(2)

Small plant - 1 ft. high, fls. white
to 4 night peaks, 10,000 ft.

57240 *Valeriana calycina* (Steph.) C. A. Meyer

(4)

var. *americana* (Reg. & Hard.) Gray & Roll
Rocky slopes - 7,500 ft.
peak

57241 *Saxifraga saximontana* E. Nelson

Fls. white - 7,500

57242 *Valeriana acutiloba* Rydb.

(4)

Open pine woods - 9,000 ft.

var. *puberula* (Rydb.) Cronq.

Adonis

57243 *Chionophila Tweedyi* (Gray) Cron. & S. Wats. (5)

fls. yellow-purple
open pin. heads, 9,000 ft

57244 *Arabis Holboellii* Hornem. (2)
as 57243 var. *pandulocarpa*
alt. 10,000 ft.

57245 *Arabis* S. Wats. (1)
approach to summit of Sunlight Peak
fls. purple alt. 16,000 ft

57246 *Ribes* (2)
2 ft. branches
east approach to Sunlight Peak,
alt. 10,000 ft.

July 21

Macdougalii

572476 = *A. holboellii* var. *retrofracta*

57247a = *A. microphylla* Nutt., var. *macdougalii*

Arabis divaricans A. Nels

(14)

a prostrate plant

base of sunlight peak, Benchi Mts.

2, July 22, alt 7,000 ft

57248 *A. microphylla* Nutt.

(8)

var. *macdougalii* (Wats.) Roll.

Fls purple, siliques arcuate -
upper ... 57247

57249 ~~*Arabis*~~ *bedum glandulosum* Nutt.

(7)

Fls ...
alt ...

menziesii Hook.

(6)

...
...
...

Wyoming

57251 *Physaria didymocarpa* (Hook.) Gray (5)
~~var. integrifolia Rollins~~
Siliques light, ~~imp. red~~, sun
deeper above than below
Steep bank of cut, shale,
11 miles north of Astor,
Lincoln County. July 26, 1957
alt. 5900, f

57252 *Stenogyne uniflora* Nutt. (3)
shaly hill, 14 miles west of
Pine Bluffs, Lincoln County,
July 27, 1957 - alt. 7100 ft

Physaria
2

(2)

57254 *Physaria condensata* Roll.
as 57253

(3)

725. *Astragalus sejunctus* S. Wats.
as 57254

(1) pods inflated, inflated

725. *Streptanthus cordatus* Nutt.

(3)

8 *Saxifraga* x *lucida* Nutt.
as 57254, shady hill.

(3)

7 *Holboellii* Hornem., var. *retrofracta*.
as 57254

(4)

57259 *Townsendia incana* Nutt.
29 = 14 cf. Böcher (1948)

(1)

Rays white, etc. of hillside. *incana* Nutt.
Hornum, 4. *incana* Nutt.
at 57254

57258

57258 *Stephanomeria runcinata* Nutt. comp

(4)

mult. *incana*, rays pale
as 57254

Wagoning

57361

Clusia lutea Hook.

(3)

Sandy hillside, 2 miles north of
Sagua, Santa Clara Prov., Cuba
alt. 6,000 ft.

57362

Stephanomeria runcinata Nutt.

Comp. (3)

Rays pink

Rocky knoll

as 57361

Det. K. B. Chambers

57363

Stemodia micrantha Torrey

(3)

Moist soil, sandy hillside
as 57361

Cymbalaria pusch

var. *maximontana* Fern.

(5)

Moist soil in bottom of spring fed
wash, 4 miles west of Carter, Santa Clara
Prov., Cuba
July 29 alt. 6,000 ft.

Wyo- 7

7 *pinnate* (Pursh) Britt.
var. *gibberna* Rollins

(6)

along river banks, ...
... ..

July 29th

aficana (L.) R. Br.

(4)

2nd gravel pit, Bag
... ..

29, 1911

Utah

Paronychia sessiliflora Nutt

(2)

alt 8, 10 ft.

57258

dk

Paronychia utahensis Rydb.

(2)

Rocky and open spaces. Near
Salt Lake City, Utah. Alt 7, 4000 ft.
Stems prostrate, leaves narrow, linear-lanceolate,
sessile, margins ciliate.

with R. K. Vasey

57271 *argentea* ^{alt} *utahensis* Rydb.
moist slopes, east - ant. Lake Mary
alt 8572 -

(5)

57273

(7)

slightly arid
on 57268

57274 *argentea* *alpina* (Wats.) Rydb.

(2)

moist slope, $\frac{1}{2}$ above Brighton, Salt Lake
July 31, '57 alt 9,800 ft.

57275 *Stanleya* *pinnata* (Pursh) Britt.

(3)

Desert gulch, shrubs common
here, 8 miles west of here.
Branch south. Road, alt 9,800 ft.
Aug. 2, 1957

Colorado

57273

Andros. Selagin

(3)

slig. ...
are ...
at Glenwood Springs, Garfield Co.
alt. 6,500 ft.

57274

Phycopis flimbria Rydb
as 57273

(2) ①

57275

Selagin ...
sessile
to distinctly gynophorous and from a
erect stipe in a bifid stipe, straight
and ...
as 57273

①

57276

Andros. subullosa var. *retrofracta*
seed only - as 57273

57277

Thelypodium

(3) (2)

...
...
as 57273

Colorado

57277 *Lepidodermis montana* Nutt. (2)
as 57273 var. *alysoides* (Gray) Jones

57278a *Saxifraga linifolia*
Seed only - as 57273

57278 *Lindenbergia cordifolia* Gray (2) (2)
montane region - Maroon
Lake, Elk Mountain - south of Aspen,
Fitzhugh County - alt 10,500 ft
Aug. 4, 1957

57279 *Draba spectabilis* Greene (4)
fairly common - favorable site
1/2 mile north of Maroon Lake
alt 11,500 ft

57280 *Anemone multifida* Poir. (2)
Rocky knoll, ^{north} south of Maroon Lake
as 57278 alt 11,500 ft.

57281 *Luzula elegans* Pursh (2)
mt. meadow as 57280

(2)

Colorado

(2)

Shrub up to 10 ft. red bark grey
slippery when wet. Leaves
glossy above, pale green below.
all over.

5728

Draba aurea Vahl

(2)

Very rare, alt. as 5728

5729

Draba spectabilis Greene

(5)

Open meadow, 17000 ft
as 5728

Colorado

Stanleya pinnata (Pursh) Britt. (4)

var. *integrifolia* (Sauer) Rollins

Stems numerous: from 1 to over 100
steep talus to low cliff, Colorado River
Canyon, between Glenwood Springs and Aspen
12 miles west of Aspen
Garfield County

Aug 6, 1957

alt. 6,300 ft.

5786 *Physaria* *subulata* Rydb. (1)

steep talus 10 miles

west of Aspen, Garfield Co.

Aug 6

57287 *Physaria* (6)

perennial, prostrate with fr.

pinpointing up across talus

3 miles north of Aspen, Garfield Co.

alt. 11,000 ft.

57288 *Abrotina elliptica* A. Nels. (5)

perennial, fr. white, siliques black

2 miles N.W. Eagle, Garfield Co.

Aug 6

alt. 11,700 ft.

Colorado

57289 *Democarenum richardsonii* (Sweet) ^{Scribn.} (5)
subsp. *incisa* (Engelm.) Bell.
under piñon-juniper, steep slope
7 miles southwest of Kippur,
Eagle County
Aug. 7 alt. 7,200 ft.

57290 Aug. 7 (4)
Stems several from a branched base,
fls. yellow
open to fls.
Kippur, Eagle Co.
Aug. 7 alt. 7,200 ft.

57291 *Eriogonum montanum* Nutt. (5)
perennial
as 57290

57292 *Eriogonum brevicaulis* Nutt. (4)
shrubby at base, fls. white
as 57290

- 57293 *Allium acuminatum* Hook. (7)
 Fls. purple, bulb ovoid, fragile, attached
 to stem (7)
 Sandy soil, Cottonwood Pass, 13 miles
 southwest of Hayden, Eagle Co. (7)
 Aug. 7, alt 8,500 ft

- 57294 *Gnaphalium oreophilum* Gray (2)
 Rocky outcrop - as 57293

- (4)
 57295 *Sidalcea neomexicana* Gray (4)
 Sphaerocaula
 Fls purple, perennial,
 moist meadow, miles south
 east of Cottonwood Springs, Eagle Co.
 Aug. 7 alt 8,500 ft.

- 57296 *Sidalcea candida* Gray (3)
 Sphaerocaula
 Fls white, plants stoloniferous
 as 57295

Utah

57297 *Oxybaphus linearis* (Pursh) Robinson
~~Mimulus~~ ^{altiss} ~~9~~ 9
 Fls. light pink, stems several from a
 thick root,
 steep slope in volcanic chip, 15 miles
 northwest of Deer Pt., Emery Co.
 Aug. 8 alt. 4,800 ft.

57298 *Silene acaulis* *cordatus* Nutt. ①
 dry wash, same as 57297

57299 *Mentzelia pterosperma* Eastw. ⑤
 the yellow, as 57297

57300 *Eriogonum fendleri* T. & G. ④
 perennial, at Deer Pt.
 same as 57297

57301 *Eriogonum hookeri* S. Wats. ⑦
 as 57298

Utah.

57302 *crater* (1)
as 57297

7302a. *Stanleya pinnatifida*
seed (green) only - as 57297
7353 *Ephedra* *Torreyana* water. (1)
same for water, seed only,
as 57298

8353 *Staphylea trifolia* (Custo.) : *lyrata*
seed only

57304 *Physocarpus* *microphyllus* A. Gray (4)
^{Shrub}
Fruit: *Physocarpus* *microphyllus* 2 in.
of *Carlinville* *Carlinville*
Aug. 1904

(4)

57305 *Asclepias* *coloradensis* Wight (4)
perennial;
as 57304

57305a *Asclepias* *pinnatifida*
as 2 only - as 57304

57306 *Artemisia* (3)
among sagebrush and juniper,
near ^{Sage Creek} highway, Utah no. 12, 2 mi. S
of Salina, Sevier Co
Aug. 9 alt 7,500 ft.

57307 *Artemisia densiflora* Schrad.
var. *ramosa* (Nels.) Thell. (3)

57308 *Artemisia richardsonii* (Sweet) Schulz (8)
subsp. *missa* (Engelm.) Little

57309 *Bouteloua gracilis* (Kunth in HBK) Lag. (6)
Farming waste, near Salina
(6) as 57308

Utah

57310

Astragalus

(4)

Pods inflated, mottled, deep red
perennial. loose soil road cut.

5 miles west of Bod, Wayne Co.

Aug. 10

alt 7,500 ft

57311

Chamaebatiaria milleflorum (Torr.) Maxim.

(4)

Shrub 1-2 ft high, p. red white

among rocks, 6 miles west of

Bod, Wayne Co.

Aug. 10 alt 7,500 ft

57312

Mirabilis linearis (Pursh) Heimerl.

(4)

Flo. deep purple, pink.

Steep slope in granitic soil, slope of creek

3/4 mile west of Bod, Wayne Co.

Bod, Wayne Co.

Aug. 10 alt 8,400 ft

Wahl

5

——— *Lygodesmia spinosa* Nutt. (3)

the ...
aquatic ... plateau ...
... ..

ang

Det. R. B. Chambers

Thymosmia (H. W.) Rydb. (4)

... ..

... ..
... ..

... ..

Schistacea Rollins (3)

... ..

... ..

ang

$2n = 14$ cf. Böcher 1969

pendulina Greene (2)

... ..

$2n = 14$ cf. Böcher 1969

57317 *Rorippa obtusa* (Nutt.) Britt.

(3)

In water in a small stream, Aguaricus
Plateau, 36 miles north of Escalante,
Garfield Co.

Aug. 10

2 long. ... Water

(20)

usually longer than
broad, slightly flattened contrary to popular
belief of oval, ...

30 miles north of Escalante, Garfield Co.
Aug. 10 alt 9,800 ft

57319 *Chenopodium*

(3)

Fls. white to pink ...

57320 *Arabis Lemniscarpa* A. Nels.

(1)

Spurce fir, open area, southern slope of
Aguaricus Plateau, 17^{miles} north of
Escalante, Garfield Co.

Aug. 10

alt 9,500 ft

57321 *Arabis Lemniscarpa*

(2)

as 57320

Utah

57322

Lygia Brandegei Gray

Along river, 11 miles above

Hendeville, Garfield Co.

Aug. 11

Alt. 5,500

(6)

3

(4)

57324

Palmerana Jones

Along river, 11 miles above

Hendeville, Garfield Co.

Aug. 11

Alt. 5,500

Det. Hugh Illis

57325

Barberris *Fremontii* Torr.

Leaves inflated,

Shrubs up to 10 ft. high. 4 miles

south of Tropic, Canyon 4 miles

northwest of Tropic, Garfield Co.

Aug. 11

Alt. 5,500

(4)

57325a

Physalis ...

not ... Aug. 11

Utah

57326 *Lesquerella intermedia* (Wats.) Heller (1)
 Under pine, Bryce Canyon National Park,
 Garfield Co.
 Aug. 11 alt. 7,500 ft.

57327 *Lesquerella intermedia* (Wats.) Heller (8)
 Rocky hillside, Bryce Canyon
 Airport, Garfield Co.,
 Aug. 11 alt. 7,800 ft.

57328 *Eriogonum microthecum* Nutt. (3)
 Fls. yellowish, straggling over
 alt. 7,200 ft.

57329 *Lesquerella* *Rollinsii* (12)
 Red cliff rock talus, abundant
 Red Canyon, 13 miles west of entrance
 to Bryce Canyon National Park,
 Aug. 11 alt. 7,300 ft.

57330 *Lesquerella Chambersii*, var. *membranacea* (5)
 brownish, elongated, angled
 on margins. as 57329

Arizona

57331 *Sisymbrium linearifolium* (Gray) Payson ①
Fls purple, Cape Royal, Grand
Canyon National Park, Coconino Co
Aug. 17 alt. 7780 ft

wardii Wats.

⑨

alt. 8000 ft

fruits variable, usually 2 or 3
and the seeds slightly curved to point.

wardii Wats.

⑬

17

8000

fruits 57332

57334 *Lesquerella arizonica* Wats
~~var. *radialis* Payson~~
caespitose, more or less

⑧

erect, slightly branched
pinus-juniper area, about
20 miles
Coconino Co alt. 7000

Arizona

- 57335 *Arabis perennans* S. Wats. ①
6057 334

Utah

- 57336 *Physaria Chambersii* Rollins ⑧
silicles sharply angled on margin
but rounded on back, clay road cut,
26 miles east of Cedar Breaks
National Monument, Kane County

Aug. 13

alt. 7,600 ft.

- 57337 *Urtica subspina* ①
limestone rubble, 8 miles southeast
of Cedar Breaks National Monument,
Iron County

Aug. 13

alt. 9,200 ft.

Utah

57335

Salvia rigida

(2)

National Monument, Tropic

Aug. 13

alt 5000 ft

57338

Comatium minimum Mathias

alt 5000

(3)

as 57335

Det. M. Mathias

40

petersonii Mayne

(2)

white clay at top of

breaks, Cedar Breaks National

Monument, Tropic

Aug. 13

alt 11000 ft

(2)

Nevada

57341 *Asclepias tuberosa* Torr (1)
Among sagebrush. Slope
head of Big Creek Canyon, Toiyabe
Range, Lander County
Aug 15 alt 10,000

(3)

(3)

57342 *Asclepias tuberosa* Torr.
Among sagebrush
as 57341

(3)

57343 *Asclepias tuberosa* Torr
as 57342

(3)

57344 *Asclepias tuberosa*
Rock crevices
as 573

(1)

Nevada

57346 *Arabis divaricarpa* A. Nels.

(1)

57347 *Arabis*

(2)

puberula

21 = 22. cf. Böcher 1969

57348 *Draba*

(6)

partly up to 10000 ft. high, rocky

soil, in crevices of rocks

in the mountains, near

Aug 15, '57 alt. 6,000 ft.

California

57352 *Thelypodium laciniatum*
var. *milleflorum*
meadowy
3 miles west of Eureka, Eureka Co.
Nevada Aug. 14, 1957

57353 *Silene procumbens*
near airport, Bryce Canyon
Garfield Co. Utah
Aug. 11, 1957

57354 *Ornithoglossum* var. *undulatum*

disc. inv.
with var. 237

57355 *Draba sphaerula* Muhlenb. + Payson
mixed with 57229

57356 *Leavenworthia inflata*
cf. Book I 1957 under no 5733

Localities for Lesquerella

New Mexico: top of Sandia Mt. July 25, 1935
Bro. Arsene no 21794

Alberta sandy soil near Milk River,
southern Alberta. June 24, 1932
W.C. McCalla 3849



